

## The materials that make up a truck tyre

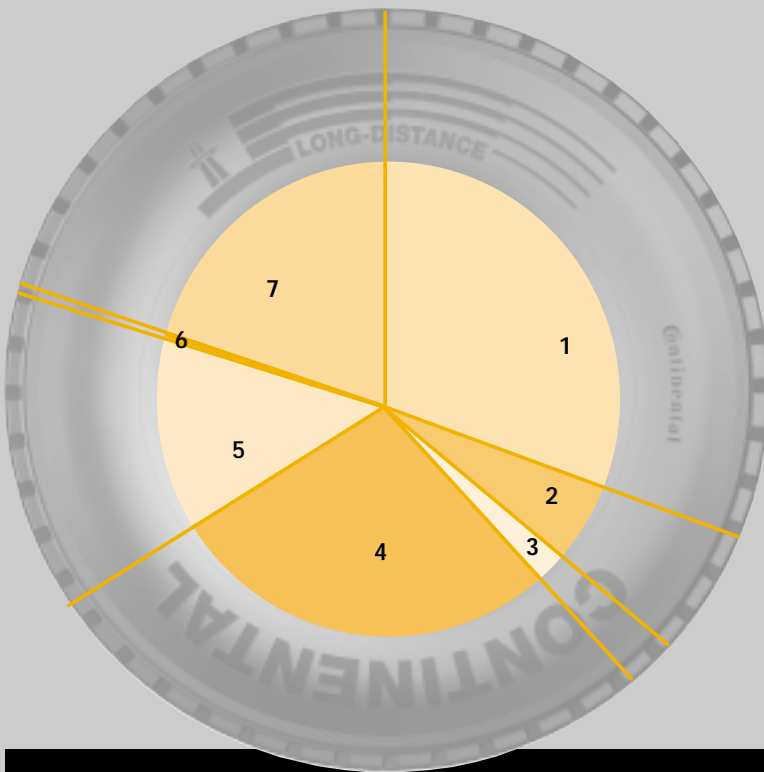
A tyre comprises different components, all of which contain elements in varying compositions.

These elements vary with the size and type of tyre.

Listed in the example below are the elements used for the 315/80 R 22.5 HSL tyre. This particular tyre weighs approximately 62 kg.



Tyre example: HSL  
315/80 R 22.5



### Compound:

1	Natural rubber	18.8 kg	30.5%
2	Synthetic rubber	3.4 kg	5.6%
3	Halogen butyl rubber	1.23 kg	2.0%
4	Other chemicals (accessory agents, plasticiser, preservative, vulcanising agents)	17.3 kg	28.1%

### Structural components:

5	Core wire (electro-plated steel wire)	8.5 kg	13.8%
6	Nylon fabric	0.12 kg	0.2%
7	Steel cord (electro-plated stranded steel wire)	12.2 kg	19.8%